

3-Statement Modeling

Strictly Confidential

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Model Balance Sheet Unbalanced? No

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https://corporatefinanceinstitute.com/

Assumptions & Drivers

All figures in USD thousands unless stated	_	Year -2	Year -1	Year 0	Year 1	Year 2	Year 3	Year 4	Year 5
Days in Period		365	365	365	365	365	365	365	365
Income Statement									
Sales Growth			6.5%	7.4%	6.0%	6.0%	6.0%	6.0%	6.0%
Gross Margin		53.2%	56.5%	57.4%	55.0%	55.0%	55.0%	55.0%	55.0%
Distribution Expense (Percent of Sales)		7.2%	7.4%	6.6%	7.5%	7.5%	7.5%	7.5%	7.5%
Marketing & Admin Expense (Fixed Cost)		23,507	26,569	30,830	32,063	33,346	34,680	36,067	37,509
Research Expense (Percent of Sales)		2.2%	2.2%	2.2%	2.3%	2.3%	2.3%	2.3%	2.3%
Depreciation (Percent of Sales)		3.6%	3.2%	3.1%	3.2%	3.2%	3.2%	3.2%	3.2%
Long-Term Debt Interest Rate (Average Debt)		6.2%	6.2%	6.2%	6.2%	6.2%	6.2%	6.2%	6.2%
Tax Rate (Percent of EBT)		34.7%	24.3%	15.3%	30.0%	30.0%	30.0%	30.0%	30.0%
Balance Sheet									
Capital Asset Turnover Ratio	(x)	4.23x	4.26x	4.40x	4.25x	4.25x	4.25x	4.25x	4.25x
Receivable Days (Sales Basis)	(Days)	57	59	58	60	60	60	60	60
Inventory Days (COGS Basis)	(Days)	69	74	74	75	75	75	75	75
Payable Days (COGS Basis)	(Days)	96	102	102	100	100	100	100	100
Income Tax Payable (Percent of Taxes)		39.4%	36.8%	37.0%	37.0%	37.0%	37.0%	37.0%	37.0%
Long Term Debt		20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
Common Share Capital		7,627	7,627	7,627	7,627	7,627	7,627	7,627	7,627
Dividend Payout Ratio		83.2%	55.8%	33.7%	70.0%	70.0%	70.0%	70.0%	70.0%

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All figures in USD thousands unless stated	V 2	V 4	V	V	V	V3	V 4	V
All figures in OSD thousands utiless stated	Year -2	Year -1	Year 0	Year 1	Year 2	Year 3	Year 4	Year 5
Revenues	81,422	86,698	93,086	98,671	104,591	110,867	117,519	124,570
Cost of Goods Sold	(38,121)	(37,756)	(39,639)	(44,402)	(47,066)	(49,890)	(52,883)	(56,056)
Gross Profit	43,301	48,942	53,447	54,269	57,525	60,977	64,635	68,513
Distribution Expenses	(5,884)	(6,421)	(6,166)	(7,400)	(7,844)	(8,315)	(8,814)	(9,343)
Marketing and Administration	(23,507)	(26,569)	(30,830)	(32,063)	(33,346)	(34,680)	(36,067)	(37,509)
Research and Development	(1,764)	(1,931)	(2,026)	(2,269)	(2,406)	(2,550)	(2,703)	(2,865)
Depreciation	(2,960)	(2,803)	(2,907)	(3,157)	(3,347)	(3,548)	(3,761)	(3,986)
EBIT (Operating Profit)	9,186	11,218	11,518	9,379	10,582	11,884	13,291	14,810
Interest	(1,240)	(1,240)	(1,240)	(1,240)	(1,240)	(1,240)	(1,240)	(1,240)
Earnings Before Taxes	7,946	9,978	10,278	8,139	9,342	10,644	12,051	13,570
Taxes	(2,761)	(2,429)	(1,570)	(2,442)	(2,803)	(3,193)	(3,615)	(4,071)
Net Income	5,185	7,549	8,708	5,697	6,540	7,451	8,436	9,499
Common Dividends	4,312	4,209	2,931	3,988	4,578	5,216	5,905	6,649

Balance Sheet								
All figures in USD thousands unless stated	Year -2	Year -1	Year 0	Year 1	Year 2	Year 3	Year 4	Year 5
ASSETS								
Cash	5,289	5,918	10,159	8,650	8,562	8,627	8,860	9,278
Trade and Other Receivables	12,685	14,074	14,721	16,220	17,193	18,225	19,318	20,477
Inventories	7,168	7,691	8,036	9,124	9,671	10,251	10,866	11,518
Total Current Assets	25,142	27,683	32,916	33,994	35,426	37,103	39,045	41,274
Property Plant and Equipment	19,263	20,371	21,175	23,217	24,610	26,086	27,651	29,311
TOTAL ASSETS	44,405	48,054	54,091	57,211	60,036	63,190	66,696	70,584
LIABILITIES								
Trade and Other Payables	10,001	10,504	11,077	12,165	12,895	13,669	14,489	15,358

894

11,398

20,000

31,398

7,627

9,029

16,656

48,054

581

11,658

20,000

31,658

7,627

14,806

22,433

54,091

903

13,068

20,000

33,068

7,627

16,515

24,142

57,211

1,037

13,932

20,000

33,932

7,627

18,477

26,104

60,036

1,181

14,850

20,000

34,850

7,627

20,713

28,340

63,190

1,338

15,826

20,000

35,826

7,627

23,243

30,870

66,696

1,506

16,864

20,000

36,864

7,627

26,093

33,720

70,584

1,088

11,089

20,000

31,089

7,627

5,689

13,316

44,405

Income Taxes Payable

Total Current Liabilities

Common Stock and Additional Paid-In Capital

Long-Term Debt

Retained Earnings

Balance Sheet Check

Total Shareholders' Equity

Total Liabilities & Equity

Total Liabilities

EQUITY

	Cas	h El	low S	tate	ment
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All figures in USD thousands unless stated	Year -2	Year -1	Year 0	Year 1	Year 2	Year 3	Year 4	Year 5
Cash Flows from Operating Activities								
Net Income	5,185	7,549	8,708	5,697	6,540	7,451	8,436	9,499
Depreciation	2,960	2,803	2,907	3,157	3,347	3,548	3,761	3,986
Changes in Operating Assets and Liabilities:								
Trade and Other Receivables	(1,280)	(1,389)	(647)	(1,499)	(973)	(1,032)	(1,093)	(1,159)
Inventories	(470)	(523)	(345)	(1,087)	(547)	(580)	(615)	(652)
Trade and Other Payables	490	503	573	1,088	730	774	820	869
Income Taxes Payable	50	(194)	(313)	322	134	144	156	169
Cash Flows from Operating Activities	6,935	8,749	10,883	7,679	9,229	10,305	11,464	12,712
Investing Activities								
Acquisitions of Property and Equipment	(3,005)	(3,911)	(3,711)	(5,199)	(4,740)	(5,024)	(5,326)	(5,645)
Cash Flows from Investing Activities	(3,005)	(3,911)	(3,711)	(5,199)	(4,740)	(5,024)	(5,326)	(5,645)
Financing Activities								
Issuance of Common Stock	_	_	_	_	_	_	_	_
Dividends (current year)	(4,312)	(4,209)	(2,931)	(3,988)	(4,578)	(5,216)	(5,905)	(6,649)
Increase/(Decrease) in Long-Term Debt	_	_	_	_	_	_	_	_
Cash Flows from Financing Activities	(4,312)	(4,209)	(2,931)	(3,988)	(4,578)	(5,216)	(5,905)	(6,649)
Cash and Equivalents, Beginning of the Year	5,671	5,289	5,918	10,159	8,650	8,562	8,627	8,860
Increase/(Decrease) in Cash and Equivalents	(382)	629	4,241	(1,508)	(88)	65	233	418
Cash and Equivalents, End of the Year	5,289	5,918	10,159	8,650	8,562	8,627	8,860	9,278

Working Capital and PP&E Schedule	Workin	g Capita	I and PP	&E Scl	hedule
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All figures in USD thousands unless stated		Year -2	Year -1	Year 0	Year 1	Year 2	Year 3	Year 4	Year 5
		0.55	0.55	065	0.65	0.55	0.55	0.65	265
Days in Period		365	365	365	365	365	365	365	365
Revenue		81,422	86,698	93,086	98,671	104,591	110,867	117,519	124,570
Cost of Goods Sold		38,121	37,756	39,639	44,402	47,066	49,890	52,883	56,056
Taxes		2,761	2,429	1,570	2,442	2,803	3,193	3,615	4,071
Trade and Other Receivables	(Days)	57	59	58	60	60	60	60	60
Inventory	(Days)	69	74	74	75	75	75	75	75
Trade and Other Payables	(Days)	96	102	102	100	100	100	100	100
Income Tax Payable (Percent of Taxes)		39.4%	36.8%	37.0%	37.0%	37.0%	37.0%	37.0%	37.0%
Working Capital									
Trade and Other Receivables		12,685	14,074	14,721	16,220	17,193	18,225	19,318	20,477
Inventory		7,168	7,691	8,036	9,124	9,671	10,251	10,866	11,518
Trade and Other Payables		10,001	10,504	11,077	12,165	12,895	13,669	14,489	15,358
Income Tax Payable		1,088	894	581	903	1,037	1,181	1,338	1,506
Cash Changes from Working Capital									
Trade and Other Receivables		(1,280)	(1,389)	(647)	(1,499)	(973)	(1,032)	(1,093)	(1,159)
Inventory		(470)	(523)	(345)	(1,087)	(547)	(580)	(615)	(652)
Trade and Other Payables		490	503	573	1,088	730	774	820	869
Income Taxes Payable		50	(194)	(313)	322	134	144	156	169
Cash from Working Capital Items		(1,210)	(1,603)	(732)	(1,176)	(657)	(694)	(732)	(773)
Deverage		04.422	06.600	22.226	00.674	404504	440.067	447.540	124.570
Revenue		81,422	86,698	93,086	98,671	104,591	110,867	117,519	124,570
Capital Asset Turnover Ratio	(x)	4.23x	4.26x	4.40x	4.25x	4.25x	4.25x	4.25x	4.25x
Depreciation (Percent of Sales)		3.6%	3.2%	3.1%	3.2%	3.2%	3.2%	3.2%	3.2%
Property, Plant & Equipment (PP&E)									
Beginning of Period		19,218	19,263	20,371	21,175	23,217	24,610	26,086	27,651
Capital Expenditures/Additions (Disposals)		3,005	3,911	3,711	5,199	4,740	5,024	5,326	5,645
Depreciation Expense		(2,960)	(2,803)	(2,907)	(3,157)	(3,347)	(3,548)	(3,761)	(3,986)
Net PP&E, End of Period		19,263	20,371	21,175	23,217	24,610	26,086	27,651	29,311



Capital Structure Schedules								
All figures in USD thousands unless stated	Year -2	Year -1	Year 0	Year 1	Year 2	Year 3	Year 4	Year 5
Long Term Debt (LTD)								
Beginning of Period	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
Additions (Repayments)	-	-	-	_	-	-	-	_
LTD, End of Period	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
Long-Term Debt Interest (Average Debt)	6.2%	6.2%	6.2%	6.2%	6.2%	6.2%	6.2%	6.2%
Long Term Debt Interest	1,240	1,240	1,240	1,240	1,240	1,240	1,240	1,240
Total Interest	1,240	1,240	1,240	1,240	1,240	1,240	1,240	1,240
Common Stock and Additional Paid-In Capital								
Beginning of Period	7,627	7,627	7,627	7,627	7,627	7,627	7,627	7,627
Additions (Repayments)	-	-	-	-	-	-	-	_
Common Stock, End of Period	7,627	7,627	7,627	7,627	7,627	7,627	7,627	7,627
Net Income	5,185	7,549	8,708	5,697	6,540	7,451	8,436	9,499
Dividends	4,312	4,209	2,931	3,988	4,578	5,216	5,905	6,649
Retained Earnings (RE)								
Beginning of Period	4,816	5,689	9,029	14,806	16,515	18,477	20,713	23,243
Net Income	5,185	7,549	8,708	5,697	6,540	7,451	8,436	9,499
Dividends	(4,312)	(4,209)	(2,931)	(3,988)	(4,578)	(5,216)	(5,905)	(6,649)
RE, End of Period	5,689	9,029	14,806	16,515	18,477	20,713	23,243	26,093

Charts & Graphs

All figures in USD thousands unless stated	Year -2	Year -1	Year 0	Year 1	Year 2	Year 3	Year 4	Year 5
Income Statement								
Revenue	81,422	86,698	93,086	98,671	104,591	110,867	117,519	124,570
EBITDA	12,146	14,021	14,425	12,536	13,929	15,432	17,052	18,797
EBITDA Margin	14.9%	16.2%	15.5%	12.7%	13.3%	13.9%	14.5%	15.1%
Net Income	5,185	7,549	8,708	5,697	6,540	7,451	8,436	9,499
Net Income Margin	6.4%	8.7%	9.4%	5.8%	6.3%	6.7%	7.2%	7.6%
Cash Flow								
Operating	6,935	8,749	10,883	7,679	9,229	10,305	11,464	12,712
Investing	(3,005)	(3,911)	(3,711)	(5,199)	(4,740)	(5,024)	(5,326)	(5,645)
Financing	(4,312)	(4,209)	(2,931)	(3,988)	(4,578)	(5,216)	(5,905)	(6,649)
Change in Cash	(382)	629	4,241	(1,508)	(88)	65	233	418



